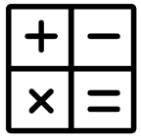
A Maths Question a Day - May

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Have a go at each of these Maths challenges for every day in May! www.alittlebutalot.com					1 What are the factors of 16 and 60?	2 Explain how to round 359 to the nearest ten and hundred?
3 Two-minute challenge: write everything you know about multiplication!	4 Draw a number line from 0 to 1000 and accurately place these numbers: 250 950 780 100 510	5 25 is my answer. Write a question for each operation to make that true.	6 Draw/use place value counters to represent these numbers 2 ways: 151 249 300	7 What is the rule for this sequence and what are the next 3 terms? 2, 7, 12, 17…	8 What is the sum of 1689, 91 and 9? How can you work that out quickly?	9 True or false: You can't subtract 7 from 4.
10 Two-minute challenge: write everything you know about fractions!	11 16 is my answer. Write a question for each operation to make that true.	12 Calculate 3 x 13. How does that help you work out 30 x 13?	13 If each person in your class had 16p. How much money would you have altogether?	14 If B is double C and C is double D. What are B and C if D is 14?	15 Find half the following numbers: 124, 68, 15, 31 and 9.	16 What is the odd number out and why: 19, 17, 15, 13 and 11?
17 Two-minute challenge: write everything you know about 3D shapes!	18 True or false: 14 x 100 = 140. Why? Why not?	19 Find the product of 15 and 8. Work it out 2 different ways.	20 Joe says, "89 must be a multiple of 9 because it has a 9 in the units column". Do you agree? Why?	21 Always, sometimes, never: Multiples of 5 are odd.	22 What do all of these numbers have in common? 5, 155, 250, 55.	23 If a=26, b=25, c=24. Who in your family has the name worth the most? The least?
24 Two-minute challenge: write everything you know about coordinates!	25 Always, sometimes, never: Triangles have right angles.	26 Write different values to make this true. Think of at least 3! a + b < 12	27 What number is half way between 50 and 110? How did you work it out?	28 List all the multiples of 7 between 70 and 100.	29 If 100 ÷ f = 25. What is f? Describe how you worked it out.	30 50 is my answer. Write a question for each operation to make that true.
31 **TRICKY QUESTION:** Can a triangle have 3 right angles? Why? Why not?	 **Can you draw your working out? Can you show it using a written method? Can you talk to someone about how you worked out your answers?**					